
From: Way, Steven
Sent: Tuesday, March 10, 2015 5:04 PM
To: Rockeman, Karl H.; 'pwax@nd.gov'
Cc: dglatt@nd.gov
Subject: Blacktail Creek - March 9 & 10 water
Attachments: BlacktailCk-SCD3dam_3-9-15_0002.JPG; BlktlCk-Hwy85boom_3-10-15_0018.JPG; BlktlCk-SCD1dam_3-9-15_0013.JPG

Here's how things look – starting as of Saturday according to Stantec accounts. These are photos that I took Monday and today.

The water is flowing overland and has overtopped the “containment dams”.

The chloride levels in the alluvial groundwater in the original Interception trench (IT 1 and 2) were reportedly at an estimated 100,000 ppm a couple days ago and are now close to 2000. (NOTE: These are numbers from conversations this afternoon – so this is not intended to be “data reporting” – just a perspective on conditions / changes.)

The two photos of the dams, SCD 3 is downstream and SCD 1 is the upstream dam nearest the pipeline break, give a pretty good view of the water level increase.

Oil accumulation is limited to emulsified (moose) downstream near the land bridge and Hwy 85 as shown in the photo. There are oiled bank areas (grasses) that remain and some that has been cut and ended up in the water because conditions changed essentially overnight on them Friday to Saturday.

It is likely that additional oil will be present as the water levels drop. There were areas of ice along the banks that still had oil trapped, but it will difficult to assess before the water drops again.

Let me know if you have questions.

Steve

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